

**Name: Theodora Kouvarda**

**Title: Environmentalist**

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**Educational profile:**

- B.Sc. in Environmental Studies, Department of Environment, University of Aegean, Greece (1992-1997)
- M.Sc. in Pollution and Environmental Control, School of Biological Sciences, University of Manchester, UK (1997-1998)

**Professional Profile:**

2001-today: Scientific personnel, Institute of Marine Biological Resources and Inland Waters, Hellenic Centre of Marine Research (HCMR), Attica, Greece

**Special training courses:**

Accreditation on River Habitat Survey (RHS) implementation (Accr, No HP61 – Environment Agency, May 2002).

**Research Interests:**

- Implementation of the European Water Framework Directive (2000/60/EU) on the Greek rivers
- Reference conditions and classification of surface inland waters
- Integrated river basin management
- Identification and classification of fresh water benthic macroinvertebrates
- Biodiversity conservation

## Research Programmes:

- **AQEM** 2001-2002. «The Development and Testing of an Integrated Assessment System for the Ecological Quality of Streams and Rivers throughout Europe using Benthic Macroinvertebrates»
- **STAR** (EVK1-2001-00034) 2002-2004. «Standardisation of River Classification Framework Methods for Calibrating Different Biological Survey Results against Ecological Quality Classification to be Developed for the Water Framework Directive»
- **TempQsim** (ENVK1-2001-00247) 2003-2006. «Evaluation and improvement of water quality models for application to temporary waters in Southern European catchments»
- **ANAPODARIS CRETE** 2005-2006. «Pilot study of the implementation of the WFD 2000/60 EU on a temporary river basin», a case study on «Evaluation of the ecological status of Anapodaris stream, Crete»
- **LIFE Environment** (LIFE05 ENV/GR/000245) 2005-2008. «Environmental friendly Technologies for agricultural development (The Evrotas river case)»
- **PARNON** (University of Plymouth 0001242) 2007-2008. «Wildfire, soil erosion and the risk to aquatic resources: evidence from the burnt Evrotas River basin, southern Peloponnese, Greece»
- **MIRAGE** (FP7-ENV-2007-1) 2009-2011. «Mediterranean Intermittent River ManAGEment»
- **Μεσσηνιακά Ποτάμια**: 2010-2013.
- **EPPERAA - Eight Prefectures**: 2012-2015. Ecological quality monitoring of waters, rivers, littoral & transitional waters of Greece – Implementation of the Article 8 of the Directive 2000/60/EC, Eight Prefectures (Eastern Macedonia & Thrace, Epirus, Thessaly, Ionian Islands, Western Greece, Peloponnese, Northern Aegean and Crete).
- **EPPERAA – Western-Central Greece, Attica, Central Macedonia, Western Macedonia, Southern Aegean**: 2012-2015. Ecological quality monitoring of waters, rivers, littoral & transitional waters of Greece – Implementation of the Article 8 of the Directive 2000/60/EC, Prefecture of Western-Central Greece.
- **MEDSEA CHECKPOINT**: 2013-2016. Growth and Innovation in Ocean Economy – Gaps and Priorities in Sea Basin Observation and Data. Lot-2: The Mediterranean
- **GlobAqua**: 2014-2019. Managing the effects of multiple stressors on aquatic ecosystems under water scarcity
- **FishNet**: 2016-2018. Fish Net Greece: Conserving the Corfu Killifish
- **European Researchers' Night**: 2007-2018. REN ATHENS
- **ΥΜΕΠΕΡΑΑ-ΟΠΥ**: 2017-2023. Monitoring and Recording of the Water Status (Quality, Quantity, Pressures, Use) in Greece
- **COASTAL**: 2018-2022. Collaborative Land-Sea Integration Platform
- **CLAIM**: 2017-2021. Cleaning litter by developing and applying innovative methods in European Seas

## **Educational activities:**

Active member of HCMR Educational Unit

## **Publications**

- Andriopoulou, S. Giakoumi, A. Latsiou, Th. Kouvarda, B. Zimmerman, S. Pace, E. Kalogianni (2018) Preliminary results of the digital educational action "HCMR in your classroom", HELECOS, Heraklion, Crete
- Andriopoulou, S. Giakoumi, A. Latsiou, Th. Kouvarda, B. Zimmerman, S. Pace, E. Kalogianni (2018) The learning outcomes of the environmental educational program "getting acquainted with Valencia", HELECOS, Heraklion, Crete
- S. Reizopoulou, Ch. Kyriakidou, N. Skoulikidis, Th. Kouvarda (2018) Presentation of Emodnet MedSea Checkpoint, 12th Hellenic Symposium on Oceanography and Fisheries, special session, Corfu
- Ioannis Karaouzas, Argyro Andriopoulou, Theodora Kouvarda, David Murányi (2016) An annotated checklist of the Greek Stonefly Fauna (Insecta: Plecoptera), Zootaxa, Vol. 4111, Issue 4, pp. 301-333
- Karaouzas, N. Skoulikidis, A. Andriopoulou, M. Koutsodimou, Th. Kouvarda, K. Gritzalis (2016) Effects of multiple stressors on the ecological status of a Mediterranean intermittent river, 11th Panhellenic Symposium on Oceanography and Fisheries, Mytilene
- Th. Kouvarda, K. Gritzalis, N. Skoulikidis (2007) Implementation and comparison of different benthic biological indices in the rivers of Greek islands, 29th Scientific Conference, Kavala
- I. Karaouzas, K. Gritzalis, Th. Kouvarda (2007) Ecological Characteristics of Macroinvertebrate fauna in an Agricultural River Basin, 29th Scientific Conference, Kavala
- K. Gritzalis, M. Koutsodimou, A. Andriopoulou, Th..Kouvarda (2007) Ecological characteristics of the benthic fauna in the rivers of S. Euvoia, 29th Scientific Conference, Kavala
- N. Bellou, K. Gritzalis, Th. Kouvarda, V. Storch, T. Braunbeck (2006) The evaluation of EPT-Metrics to classify the ecological quality of small-sized, low altitude, calcareous streams in Greece, 8th National Symposium of Oceanography and Fisheries, Thessaloniki

- Nikolaos Th. Skoulikidis, Konstantinos C. Gritzalis, Theodora Kouvarda, Andrea Buffagni (2004) The development of an ecological quality assessment and classification system for Greek running waters based on benthic macroinvertebrates, Integrated Assessment of Running Waters in Europe, pp. 149-160
- Gkritzalis, N. Skoulikidis, Th. Kouvarnta, I. Karaouzas (2003) Self purification processes and the effects of habitat modification on macroinvertebrate species diversity in Greek rivers, 7th Symposium on Oceanography and Fisheries, Chersonissos, Crete
- N. Skoulikidis, K. Gritzalis, Th. Kouvarda, Th. Kousouris (2003) Greek metric for the ecological assessment and classification of running waters according to the demands of the Water Framework Directive 2000/60/EC, 7th Symposium on Oceanography and Fisheries, Chersonissos, Crete
- N. Skoulikidis, K. Gritzalis, Th. Kouvarda (2002) Hydrochemical and ecological quality assessment of a Mediterranean river system, Global nest, Vol. 4, Issue 1, pp. 29-40
- Gritzalis, N. Skoulikidis, Th. Kouvarda (2002) The Biodiversity, Locomotion Types and the Current Preferences of the Aquatic Macroinvertebrate Fauna at Samothraki Island, NE Aegean Sea, Greece, 9th International Congress on the Zoogeography and Ecology of Greece and Adjacent Regions, Thessaloniki
- Scoulikidis, K. Gritzalis, Th. Kouvarda (2002) The Development of an Integrated Water Quality Classification System for Greek Rivers based on Benthic Microinvertebrates, 6th International Conference for Protection and Restoration of the Environment, Skiathos

**Publication information and citations:**

see Google Scholar profile

<http://scholar.google.gr/citations?user=ivl5wmQAAAAJ>